Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 22 Aug 2020 until 23:59 on Sunday 23 Aug 2020

Forecast Issued on Saturday 22 Aug 2020 at 03:50

Confidence: High confidence in the prevailing unsettled, rather cool and breezy conditions, but low for rainfall detail throughout, and especially for extent of wet and windy weather by midweek.

Headline for Saturday 22 Aug 2020: Rather cool and windy, with locally frequent blustery showers. Probably becoming more generally cloudy and wet for a time during the afternoon, ahead of a drier evening.

Mountain weather hazards on Saturday 22 Aug 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy rain showers	Heavy Rain	Heavy Rain	Heavy Rain	Mist
Precipitation probability					
40%	60%	70%	60%	60%	40%

Forecast for Saturday 22 Aug 2020

Weather: Rather cool and cloudy, with further blustery showers expected during the morning, locally frequent in parts of the west especially, and coupled with a small chance of hail and thunder from the heaviest. These conditions will probably give way to a more generally cloudy and wetter period in the afternoon, although there is the prospect of a late improvement. Less windy than on Friday, but still gusty, particularly near showers.

Chance of cloud free mountain/hill tops above 600m: 30% with broken cloud around 600 metres, but some forming below this to 400 metres early and late, as well as during periods of heavier rain.

Visibility: Mostly very good, but local significant visibility drops given sharp showers.

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Forecast for Saturday 22 Aug 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/29 SW	23/32 SW	23/33 SW	24/35 SW	23/32 SW	16/23 W	14/21 W
300	12/27 SW	15/30 SW	14/29 SW	16/31 SW	15/31 SW	11/22 W	9/20 W
Valley	11/26 SW	12/26 SW	14/29 SW	15/31 SW	13/28 SW	7/17 W	6/16 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	11/7	11/8	11/7	11/7	11/8	10/8
300	13/10	14/11	14/12	14/11	13/10	13/11	13/11
Valley	14/12	15/13	16/13	16/13	15/12	14/13	13/13
Freezing Level*	2300m	2200m	2300m	2200m	2400m	2400m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling colder than temperatures suggest, especially so for August, with rain and showers combining with the ever-present strong wind to give a marked risk of wind-chill.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 22 Aug 2020	23.6mm	23.6mm	39.6mm

Forecast for Sunday 23 Aug 2020

Weather: Less windy than on Saturday, but otherwise similar in character. Probably on the cloudy side, with further sharp showers merging to longer spells of rain and perhaps the odd one turning thundery through the middle of the day. Perhaps becoming drier and brighter more generally once again later in the day.

Maximum wind: Westerly 30mph, easing.

Chance of cloud free mountain/hill tops above 600m: 20% improving to 60%, with the lighter wind potentially leading to slightly lower cloud than on Saturday.

Visibility: Again, mainly very good but with frequent drops in showers.

Temperature: **Valleys:** Plus 11 becoming plus 17 Celsius.
At 600m: Plus 8 Celsius.
Freezing level: Well above the summits.

Tuesday	Perhaps a fine start, but soon giving way to a swathe of heavy and persistent rain from the southwest. Strong, perhaps gale southeasterly winds, becoming southwesterly later. Freezing level well above the summits.
Wednesday	Probably wet and windy during the morning, with gradual improvement possible during the afternoon, perhaps fine with lighter winds by the end of the day. Strong, perhaps gale force winds from the west and perhaps later northwest. Freezing level well above the summits.

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